

CLAIMS:

1. A process for producing a packaging laminate material, the process for producing at least a web-like laminate material for a packaging container composed of a base layer and a thermally sealable inner layer, comprising the steps of:
 - heating metallic silver to form a silver vapor atmosphere;
 - carrying a web-like base film continuously or intermittently in the silver vapor atmosphere so as to form a thin film of metallic silver on a surface of the web-like base film when or after an oxygen-containing gas is introduced into the silver vapor atmosphere;
 - oxidizing part/entirety of the metallic silver simultaneously or subsequently into silver oxide by the oxygen-containing gas to convert into a thin film of silver oxide;
 - drawing out the web-like base film provided with the thin film of silver oxide from the silver vapor atmosphere containing the oxygen-containing gas to thereby obtain a weblike base layer;
 - laminating an inner face of the inside of the web-like base layer with a thermally sealable inner layer;
 - printing a container design indirectly or directly on an outer face of the outside of the web-like base layer; and
 - forming simultaneously or successively, the same kind of or a different kind

of, and the singular number of or a plurality of thermoplastic layers and/or support layers on the outer face and inner face of the web-like base layer.

2. The process for producing the packaging laminate material according to claim 1, wherein the thin film of silver oxide is a composite of metallic silver and silver oxide.

3. The process for producing the packaging laminate material according to claim 1, wherein the oxygen-containing gas is a mixed gas of an inert gas and an oxygen gas.

4. The process for producing the packaging laminate material according to claim 1, wherein a film thickness of the thin film of silver oxide is less than 10 μm .

5. The process for producing the packaging laminate material according to claim 4, wherein a film thickness of the thin film of silver oxide is 0.1 to 1 μm .

6. The process for producing the packaging laminate material according to claim 1, wherein the web-like base film includes one kind, or two or more kinds of barrier films of a silicon oxide film, an aluminum oxide film or/and a rigid carbon film formed on at least one surface.

7. The process for producing the packaging laminate material according to claim 1, wherein the web-like base film is composed of a polymer of one kind, or two kinds or more selected from the group consisting of low density polyethylene, linear low density polyethylene, linear low density polyethylene produced by a metallocene catalyst, medium-density polyethylene, high density polyethylene, polypropylene, poly(ethylene naphthalate), ethylene vinyl alcohol, polyamide, a polycondensate of metaxylenediamine and adipic acid, polyvinyl alcohol, an ethylene-vinyl acetate copolymer, an ethylene-methacrylic acid copolymer, an ethylene-ethyl acrylate copolymer, an ethylene-methyl acrylate copolymer, an ethylene-acrylic acid copolymer and a cyclic olefin copolymer, paper, or a laminate body of the polymer and the paper.